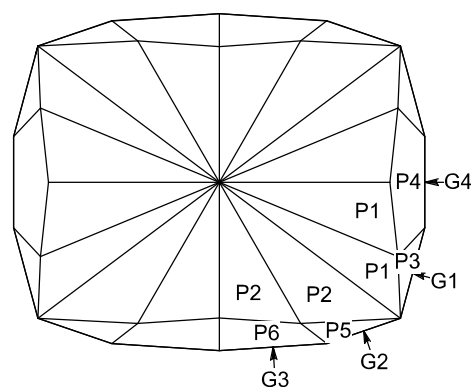
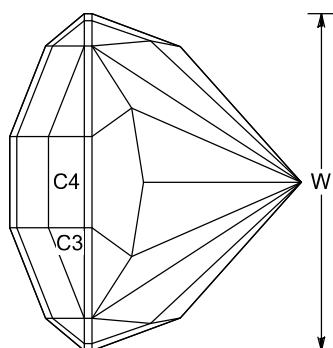
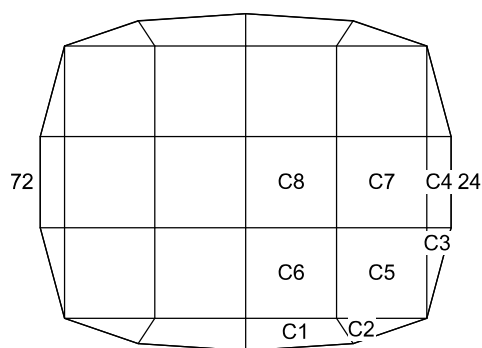


60

48

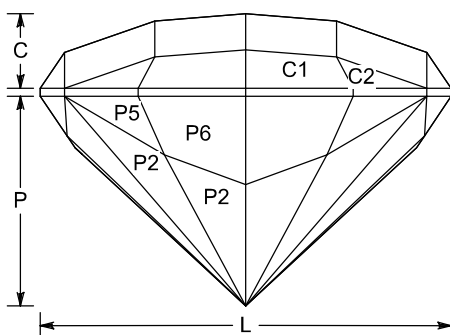
36



84

&lt;96&gt;

12



## Revenant Cleric

by Arya Akhavan (November 2014)

Angles for R.I. = 1.500

56 + 14 girdles = 70 facets

2-fold, mirror-image symmetry

96 index

L/W = 1.223

P/W = 0.622 C/W = 0.222

Vol./W<sup>3</sup> = 0.432

### PAVILION

P1	42.80°	13-23-25-35-61-71-73-83	Cut to centerpoint.
P2	43.33°	05-11-37-43-53-59-85-91	Meet at culet.
G1	90.00°	20-28-68-76	Set stone size.
G2	90.00°	05-43-53-91	Meet P1, P2, G1, G2
P3	65.00°	20-28-68-76	Level girdle.
P4	55.92°	24-72	Meet P1, P3
P5	65.00°	05-43-53-91	Level girdle.
P6	69.71°	01-47-49-95	Meet P2, P5
G3	90.00°	01-47-49-95	Level girdle.
G4	90.00°	24-72	Level girdle.

### CROWN

C1	50.32°	01-47-49-95	Set girdle width.
C2	47.23°	05-43-53-91	Level girdle.
C3	56.85°	20-28-68-76	Level girdle.
C4	55.93°	24-72	Level girdle.
C5	27.79°	11-37-59-85	Meet G1, G2, C2, C3
C6	22.00°	03-45-51-93	Meet C1, C2, C5
C7	19.16°	24-72	Meet C3, C4, C5
C8	4.51°	24-72	Meet C5, C6, C7

I decided that I was a bit unhappy with my "Equivalent Exchange" design, so I tried to create a slightly different 3x4 checkerboard that was more...checkerboard-y. I tried a more psedubarion-ish pavilion, and somehow the reflection pattern is really cool! It can be scaled across a wide variety of angles. Works in materials from petalite to rutile (RI = 1.50 - 2.62) with no changes, but I like it in synthetic spinel.

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